

Abstracts

High Power Amplifier Harmonic Output Level Measurement

R.M. Perez, D.J. Hoppe and A.R. Khan. "High Power Amplifier Harmonic Output Level Measurement." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1609-1611.

A method is presented for the measurement of the harmonic output power of high power klystron amplifiers, involving coherent hemispherical radiation pattern measurements of the radiated klystron output. Results are discussed for operation in saturated and unsaturated conditions, and with a waveguide harmonic filter included.

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